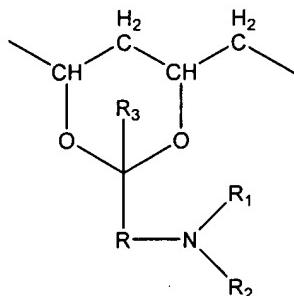


## CLAIM AMENDMENTS

Please cancel claims 12-15 and amend claims 1 and 8 as follows:

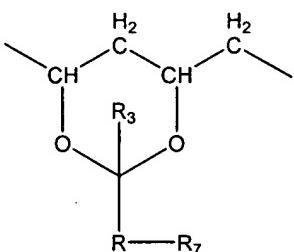
1. (Currently amended) A polymerizable material for making an ophthalmic device in the absence of vinylic monomer, comprising a mixture of:
  - (a) a water-soluble polyvinyl alcohol having crosslinkable groups; and
  - (b) one or more members selected from the group consisting of nanoparticles having a hydrophilic surface, a copolymer composed of hydrophilic vinylic monomer units and hydrophobic vinylic monomer units, and mixtures thereof,  
wherein said copolymer has a balanced composition of hydrophilic and hydrophobic units, wherein the hydrophilic vinylic monomer units are derived from the group consisting of hydroxy-substituted alkylmethacrylate, hydroxy-substituted alkylacrylate, N-vinyl-lactams, N,N-dialkyl-methacrylamide, and a mixture thereof;  
wherein and the hydrophobic vinylic monomer units are derived from the group consisting of a C<sub>1</sub>-C<sub>18</sub>-alkylacrylate, a C<sub>1</sub>-C<sub>18</sub>-alkylmethacrylates, a di-C<sub>1</sub>-C<sub>7</sub> alkylamino-C<sub>1</sub>-C<sub>7</sub> alkylacrylate, an acrylonitrile, a methacrylonitrile, a vinyl-C<sub>1</sub>-C<sub>18</sub>-alkanoate, a C<sub>2</sub>-C<sub>18</sub>-alkenes, a C<sub>2</sub>-C<sub>18</sub>-halo-alkenes, styrene, a C<sub>1</sub>-C<sub>6</sub>-alkylstyrene, a vinylalkylether in which the alkyl moiety has 1 to 6 carbon atoms, a C<sub>2</sub>-C<sub>10</sub>-perfluoralkylacrylate, a C<sub>2</sub>-C<sub>10</sub>-perfluoralkylmethacrylates, an acryloxyalkylsiloxane, a methacryloxy-alkylsiloxane, glycidyl methacrylate, butoxyethylacrylate, a mixture thereof,  
wherein the percentage of the hydrophobic vinylic monomer units of the copolymer is sufficient high to impart at least one desired physical property to said ophthalmic device, wherein the percentage of the hydrophilic monomer units of the copolymer is sufficient high to render the copolymer miscible with the water-soluble polyvinyl alcohol, and  
wherein component (b) is presented in the polymerizable material in an amount sufficient to improve one or more physical properties of the ophthalmic device made from the polymerizable material, wherein the one or more physical properties are selected from the group consisting of stress at break (N/mm<sup>2</sup>), percentage of elongation at break, toughness or energy to break (N·mm), and susceptibility to fracture.
2. (Canceled).
3. (Previously presented) A polymerizable material of claim 1, wherein said water-soluble polyvinyl alcohol is a polyhydroxyl compound which has a weight average molecular weight of at least about 2000 and which comprises from about 0.5 to about 80%, based

on the number of hydroxyl groups in the poly(vinyl alcohol), of units of the formula I, I and II, I and III, or I and II and III



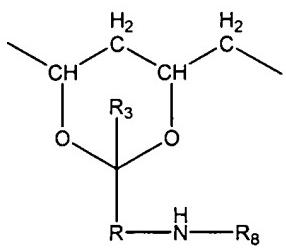
I

in which R is alkylene having up to 12 carbon atoms, R<sub>1</sub> is hydrogen or lower alkyl, R<sub>2</sub> is an olefinically unsaturated, electron-withdrawing, crosslinkable radical having up to 25 carbon atoms, and R<sub>3</sub> is hydrogen, a C<sub>1</sub> -C<sub>6</sub> alkyl group or a cycloalkyl group,



II

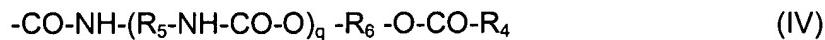
wherein R and R<sub>3</sub> are as defined above, and R<sub>7</sub> is a primary, secondary or tertiary amino group or a quaternary amino group of the formula N<sup>+</sup>(R')<sub>3</sub>X<sup>-</sup>, in which each R', independently of the others, is hydrogen or a C<sub>1</sub> -C<sub>4</sub> alkyl radical and X is HSO<sub>4</sub><sup>-</sup>, F<sup>-</sup>, Cl<sup>-</sup>, Br<sup>-</sup>, I<sup>-</sup>, CH<sub>3</sub>COO<sup>-</sup>, OH<sup>-</sup>, BF<sup>-</sup>, or H<sub>2</sub>PO<sub>4</sub><sup>-</sup>,

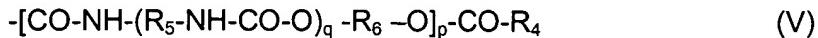


III

in which R and R<sub>3</sub> are as defined above, and R<sub>8</sub> is the radical of a monobasic, dibasic or tribasic, saturated or unsaturated, aliphatic or aromatic organic acid or sulfonic acid.

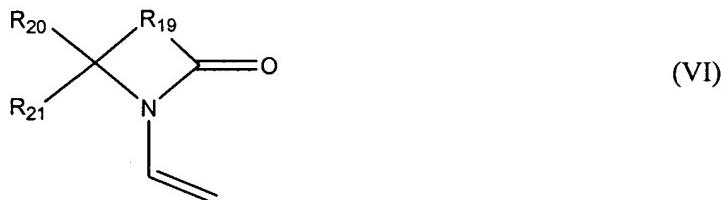
4. (Original) A polymerizable material of claim 3, wherein said water-soluble polyvinyl alcohol is a polyhydroxyl compound which has a molecular weight of at least about 2000 and which comprises from about 0.5 to about 80%, based on the number of hydroxyl groups in the poly(vinyl alcohol), of units of the formula I, wherein R<sub>2</sub> is a radical of formula IV or formula V





in which p and q, independently of one another, are zero or one, and R<sub>5</sub> and R<sub>6</sub>, independently of one another, are lower alkylene having 2 to 8 carbon atoms, arylene having 6 to 12 carbon atoms, a saturated bivalent cycloaliphatic group having 6 to 10 carbon atoms, arylenealkylene or alkylenearylene having 7 to 14 carbon atoms or arylenealkylenearylene having 13 to 16 carbon atoms, and in which R<sub>4</sub> is an olefinically unsaturated copolymerizable radical having 2 to 24 carbons atoms, preferably having 2 to 8 carbon atoms, more preferably having 2 to 4 carbon atoms.

5. (Withdrawn) A polymerizable material of claim 3, wherein said modifier is composed of the nanoparticles having a hydrophilic surface.
6. (Withdrawn) A polymerizable material of claim 5, wherein the nanoparticles are nano-sized silica fillers.
7. (Canceled)
8. (Currently amended) A polymerizable material of claim 1, wherein said component (b) is a copolymer ~~composed of hydrophilic vinylic monomer units and hydrophobic vinylic monomer units~~, wherein the hydrophilic ~~monomer~~ units of said copolymer are derived from ~~is~~ N-vinyl lactam having a structure of formula (VI)



in which R<sub>19</sub> is an alkylene di-radical having from 2 to 8 carbon atoms, R<sub>20</sub> is hydrogen, C<sub>1</sub>-C<sub>7</sub> alkyl, aryl having up to 10 carbon atoms, aralkyl or alkaryl having up to 14 carbon atoms, and R<sub>21</sub> is hydrogen or lower alkyl having up to 7 carbon atoms.

9. (Original) A polymerizable material of claim 8, wherein said N-vinyl lactam is N-vinyl pyrrolidone.
10. (Withdrawn) A polymerizable material of claim 7, wherein said modifier is a N,N-dialkylmethacrylamide copolymer which is a copolymerization product of a N,N-di-C<sub>2</sub>-C<sub>4</sub> alkyl methacrylamide with at least one hydrophobic monomer.
11. (Withdrawn) A polymerizable material of claim 10, wherein the N,N-di-C<sub>2</sub>-C<sub>4</sub> alkyl methacrylamide is N,N-dimethylmethacrylamide.
- 12-46. (Canceled)